

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC - Magney, Batchelor, Niessen, Brenner</u>	Date: <u>21 Jan 03</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u> </u> Transect ID: <u>R</u> Plot ID: <u>A</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Sambucus mexicana</u>	<u>S</u>	<u>100% FAC</u>	9. _____	_____	_____
2. <u>Quercus agrifolia</u>	<u>T</u>	<u>100% -</u>	10. _____	_____	_____
3. <u>Silybum marianum</u>	<u>H</u>	<u>100% -</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 33%

Remarks: Burned veg and new seedlings mostly unidentifiable. Plot not dom. by hydrophytic veg based on remaining and identifiable plant species.

Confirmed by Atypical situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Onft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>no indicators of hydrology.</u>

R1

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 2 to 9% slopes Drainage Class: well-drained
 Taxonomy (Subgroup): Typic Xerorthents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-6"	A ₁	10YR 3/2	—	—	silty loam
6-18"	B ₁	10YR 3/3	—	—	silt
18-24"	B ₂	10YR 4/2	10YR 5/8	high/high	silt

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors	<input checked="" type="checkbox"/> Other (Explain in Remarks)

Remarks: low chroma color w/bright mottles
hydric soil present.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	(Circle)
Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Hydric Soils Present? Yes <input checked="" type="radio"/> No <input type="radio"/>	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>

Remarks: no waters of U.S.
yes CDFG
no wetland

DATA FORM
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Project/Site: <u>Lyons Cyn Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC = Magnay, Batchelor, Niessen, Brenner</u>	Date: <u>21 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) ↓ <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>R</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Baccharis salicifolia</u>	S	100% FACW	9. _____		
2. <u>Annual grass seedlings</u>	H	100% —	10. _____		
3. <u>Quercus agrifolia</u>	T	100% —	11. _____		
4. _____			12. _____		
5. _____			13. _____		
6. _____			14. _____		
7. _____			15. _____		
8. _____			16. _____		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 33%

Remarks: Burned veg and new seedlings mostly unidentifiable. Plot not dom. by hydrophytic veg. based on remaining and identifiable plant species.

Confirmed by Atypical situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Ooft Lines <input checked="" type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	

Remarks: in well-defined channel. indicators of hydrology present.

R2

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 2 to 9% slopes Drainage Class: well-drained
Taxonomy (Subgroup): Typic Xerothents Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A ₁	10YR3/3	-	-	very silty sand
18-24"	B ₁	10YR3/4	10YR5/8	high/low	very silty sand

Hydric Soil Indicators:

- Histosol
- Histic Epipedon
- Sulfidic Odor
- Aquic Moisture Regime
- Reducing Conditions
- Gleyed or Low-Chroma Colors
- Concretions
- High Organic Content in Surface Layer in Sandy Soils
- Organic Streaking in Sandy Soils
- Listed on Local Hydric Soils List
- Listed on National Hydric Soils List
- Other (Explain in Remarks)

Remarks:

no hydric soil indicators

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes No (Circle)
 Wetland Hydrology Present? Yes No
 Hydric Soils Present? Yes No
 Is this Sampling Point Within a Wetland? Yes No (Circle)

Remarks:

yes waters of U.S.
yes CDFG
no wetland.

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 ROUTINE WETLAND DETERMINATION
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Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC=Magnay, Batchelor, Niessen, Brenner</u>	Date: <u>21 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>R</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Baccharis salicifolia</u>	<u>S</u>	<u>100% FACW</u>	9. _____	_____	_____
2. <u>Quercus agrifolia</u>	<u>T</u>	<u>100% —</u>	10. _____	_____	_____
3. <u>Silybum marianum</u>	<u>H</u>	<u>100% —</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 33%

Remarks: Burned veg and new seedlings mostly unidentifiable. Plot not dom by hydrophytic veg based on remaining + identifiable plant species.

Confirmed by Atypical situation analysis

HYDROLOGY

<p>Recorded Data (Describe in Remarks):</p> <p><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p><input type="checkbox"/> Aerial Photographs</p> <p><input type="checkbox"/> Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (In.)</p> <p>Depth to Free Water in Pit: _____ (In.)</p> <p>Depth to Saturated Soil: _____ (In.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Drift Lines</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required!):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input type="checkbox"/> Other (Explain in Remarks)</p>
<p>Remarks: <u>on edge of ill-defined channel. hydrology indicators not present</u></p>	

SOILS

R3

Map Unit Name (Series and Phase): Yolo Loam 2 to 9 % slopes Drainage Class: well-drained
 Taxonomy (Subgroup): Typic Xerorthents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-4"	A	10YR3/3	—	—	silt
4-20"	B	10YR3/2	10YR6/6	low/high	gravelly silt
—	—	—	10YR5/8	low/high	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors	<input checked="" type="checkbox"/> Other (Explain in Remarks)

Remarks: low chroma color w/ bright mottles
hydric soil present.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)
Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	
Hydric Soils Present? Yes <input checked="" type="radio"/> No <input type="radio"/> (Circle)	
Remarks: <u>no waters of U.S.</u> <u>yes CDFG</u> <u>no wetland.</u>	

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Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>R</u> Plot ID: <u>4</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Quercus agrifolia</u>	<u>S/T</u>	<u>100% -</u>	9. _____	_____	_____
2. <u>Annual grass seedlings</u>	<u>H</u>	<u>100% -</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0%

Remarks: Burned veg and new seedlings predominantly unidentifiable. Plot not dominated by hydrophytic veg based on remaining and identifiable plant species.

Confirmed by Atypical Situation Analysis.

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Onft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>plot on terrace</u> <u>no indicators of hydrology.</u>

R4

SOILS

Map Unit Name (Series and Phase): Yolo Loam 2 to 9% slopes Drainage Class: well-drained
Taxonomy (Subgroup): Typic Xerothents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A ₁	10YR 4/2	—	—	Silt
18-24"	B ₁	10YR 4/2	10YR 5/8	high/moderate	silt
—	—	—	10YR 6/4	moderate/low	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—

Hydric Soil Indicators:

- Histosol
- Histic Epipedon
- Sulfidic Odor
- Aquic Moisture Regime
- Reducing Conditions
- Gleyed or Low-Chroma Colors
- Concretions
- High Organic Content in Surface Layer in Sandy Soils
- Organic Streaking in Sandy Soils
- Listed on Local Hydric Soils List
- Listed on National Hydric Soils List
- Other (Explain in Remarks)

Remarks: Low chroma color with bright mottles
hydric soil present.

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Circle)	(Circle)
Wetland Hydrology Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Hydric Soils Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Is this Sampling Point Within a Wetland?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Remarks: no waters of U.S.
yes CDFG
no wetland

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Project/Site: <u>Lyons Canyon Ranch</u>	Date: <u>21 Jan 04</u>
Applicant/Owner: <u>Western Pacific Housing/Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>DMEC-Magney, Batchelor, Miessen, Brenne</u>	State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: <u> </u>
Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/>	Transect ID: <u>R</u>
Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Plot ID: <u>5</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Quercus agrifolia</u>	T	100% -	9. _____		
2. <u>Annual grass seedling</u>	H	100% -	10. _____		
3. _____			11. _____		
4. _____			12. _____		
5. _____			13. _____		
6. _____			14. _____		
7. _____			15. _____		
8. _____			16. _____		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0%

Remarks: Burned veg and seedlings predominantly unidentifiable. Plot not dom by hyd. veg. based on remaining + identifiable plant species.

Confirmed by Atypical situation analysis

HYDROLOGY

<p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p style="padding-left: 20px;"><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p style="padding-left: 20px;"><input type="checkbox"/> Aerial Photographs</p> <p style="padding-left: 20px;"><input type="checkbox"/> Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pit: _____ (in.)</p> <p>Depth to Saturated Soil: _____ (in.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Onft Lines</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input type="checkbox"/> Other (Explain in Remarks)</p>
<p>Remarks: <u>on terrace</u> <u>no indicators of hydrology.</u></p>	

SOILS

R5

Map Unit Name (Series and Phase): <u>Yolo Loam, 2 to 9% slopes</u>		Drainage Class: <u>well-drained</u>			
Taxonomy (Subgroup): <u>Typic Xerorthents</u>		Field Observations Confirm Mapped Type? <input checked="" type="radio"/> Yes <input type="radio"/> No			
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/Contrast	Texture, Concretions, Structure, etc.
<u>0-18"</u>	<u>A</u>	<u>10YR3/3</u>	<u>-</u>	<u>-</u>	<u>silt</u>
<u>18-24"</u>	<u>B1</u>	<u>10YR4/4</u>	<u>-</u>	<u>-</u>	<u>sandy silt</u>
Hydric Soil Indicators:					
<input type="checkbox"/> Histosol <input type="checkbox"/> Histic Epipedon <input type="checkbox"/> Sulfidic Odor <input type="checkbox"/> Aquic Moisture Regime <input type="checkbox"/> Reducing Conditions <input type="checkbox"/> Gleyed or Low-Chroma Colors		<input type="checkbox"/> Concretions <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils <input type="checkbox"/> Organic Streaking in Sandy Soils <input type="checkbox"/> Listed on Local Hydric Soils List <input type="checkbox"/> Listed on National Hydric Soils List <input type="checkbox"/> Other (Explain in Remarks)			
Remarks: <u>soil non hydric.</u>					

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	No <input checked="" type="radio"/> (Circle)	
Wetland Hydrology Present?	Yes	No <input checked="" type="radio"/> (Circle)	
Hydric Soils Present?	Yes	No <input checked="" type="radio"/> (Circle)	
			Is this Sampling Point Within a Wetland? Yes <input checked="" type="radio"/> No <input type="radio"/> (Circle)
Remarks: <u>no waters of U.S.</u> <u>no CDFG</u> <u>no wetland.</u>			

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Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Magney, Batchelor, Niessen, Brennan</u>	Date: <u>21 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) ↓ recently burned.	Community ID: <u> </u> Transect ID: <u>R</u> Plot ID: <u>6</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Quercus agrifolia</u>	<u>T</u>	<u>100% -</u>	9. _____	_____	_____
2. <u>annual grass seedlings</u>	<u>H</u>	<u>100% -</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0%

Remarks: Burned veg + new seedlings predominantly unidentifiable. Plot not dom. by hyd. veg. based on remaining and identifiable plant species.

Confirmed by Atypical situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Odf. Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>no indicators of hydrology.</u>

R6

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 2 to 9% slopes Drainage Class: well-drained

Taxonomy (Subgroup): Typic Xerorthents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-16"	A ₁	10YR3/3	10YR5/8	low/moderate	silt
16-22"	B ₁	10YR5/3	very similar to matrix when wet - unable to get color	high/very low (higher contrast when dry)	silt

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input type="checkbox"/> Gleyed or Low-Chroma Colors	<input type="checkbox"/> Other (Explain in Remarks)

Remarks: low contrast mottles present, soil nonhydric.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)
Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	
Hydric Soils Present? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	
Remarks: <u>no waters of U.S.</u> <u>no CDFG</u> <u>no wetland</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u>	Date: <u>21 Jan 04</u>
Applicant/Owner: <u>Western Pacific Housing/Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>DMEC-Magnay, Batchelor, Niessen, Brenna</u>	State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: <u>-</u>
Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No	Transect ID: <u>S</u>
Is the area a potential Problem Area? <input checked="" type="radio"/> Yes <input type="radio"/> No (If needed, explain on reverse.) <u>recently burned</u>	Plot ID: <u>1</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Quercus agrifolia</u>	<u>T</u>	<u>100%</u>	9. _____		
2. <u>Silimum marianum</u>	<u>H</u>	<u>80%</u>	10. _____		
3. <u>Annual grass seedlings</u>	<u>H</u>	<u>20%</u>	11. _____		
4. _____			12. _____		
5. _____			13. _____		
6. _____			14. _____		
7. _____			15. _____		
8. _____			16. _____		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 0%[ⓐ]

Remarks: Burned veg + seedlings predominantly unidentifiable. Plot not dom by hyd veg based on remaining + identifiable plant species.

[ⓐ] Atypical situation determines this Plot to be dom by hyd veg. (Baccharis salicifolia, Sombucus mexicana a dom present prior to fire.)

HYDROLOGY

<p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p><input type="checkbox"/> Aerial Photographs</p> <p><input type="checkbox"/> Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pit: _____ (in.)</p> <p>Depth to Saturated Soil: _____ (in.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Drift Lines</p> <p><input checked="" type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
--	--

Remarks: on bank of channel - culvert 2 meters upstream. hydrology present.

S1

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 2 to 9% slopes Drainage Class: well-drained
 Taxonomy (Subgroup): Typic Xerothents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR3/3	10YR5/8	low/moderate	silt
18-22"	B ₁	10YR4/2	10YR5/8	high/moderate	silt
			other mottles present that are whitish when dry but are similar to matrix when wet, low abundance, very low contrast.		

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors	<input checked="" type="checkbox"/> Other (Explain in Remarks)

Remarks: soil hydric.
Low chroma colors w/ bright mottles.

WETLAND DETERMINATION

Atypical Determination

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Remarks: <u>yes waters of U.S.</u> <u>yes CDFG</u> <u>yes wetland</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u>	Date: <u>21 Jan 04</u>
Applicant/Owner: <u>Western Pacific Housing/Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>DMEC = Magney, Batchelor, Niessen, Brenner</u>	State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: <u>-</u>
Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No	Transect ID: <u>3</u>
Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	
1. <u>Quercus agrifolia</u>	<u>T</u>	<u>100%</u>	<u>-</u>
2. <u>annual grass seedlings</u>	<u>H</u>	<u>50%</u>	<u>-</u>
3. <u>Silybum marianum</u>	<u>H</u>	<u>50%</u>	<u>-</u>
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-).			<u>0%</u> *
Remarks: <u>Burned veg + seedlings predominantly unidentifiable. Plot not dominated by hydrophytic veg based on remaining + identifiable plant species</u>			

* Atypical Situation analysis determines this Plot to be

HYDROLOGY dom by hyd veg (hydrophytes dom prior to fire)

<p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p style="margin-left: 20px;"><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p style="margin-left: 20px;"><input type="checkbox"/> Aerial Photographs</p> <p style="margin-left: 20px;"><input type="checkbox"/> Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pit: _____ (in.)</p> <p>Depth to Saturated Soil: _____ (in.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input checked="" type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Odf Lines</p> <p><input checked="" type="checkbox"/> Sediment Deposits</p> <p>Drainage Patterns in Wetlands:</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
Remarks: <u>In defined channel 2 meters below (downstream) of culvert. Hydrology indicators present.</u>	

SOILS

S2

Map Unit Name (Series and Phase): Yolo Loam, 2 to 9% slopes Drainage Class: well-drained

Taxonomy (Subgroup): Typic Xerorthents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A ₁	10YR3/3	10YR5/8	low/moderate	silt
18-24"	B ₁	10YR4/2	10YR5/8	low/high	sandy silt

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors	<input checked="" type="checkbox"/> Other (Explain in Remarks)

Remarks: hydric soil - Low chroma color with bright mottles.

WETLAND DETERMINATION → Atypical Sit. Determination

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? <input checked="" type="radio"/> Yes <input type="radio"/> No
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Remarks: <u>yes waters of U.S.</u> <u>yes CDFG</u> <u>yes wetland.</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DME C-Maoney, Batchelor, Niessen, Brenner</u>	Date: <u>21 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u> </u> Transect ID: <u>3</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Quercus agrifolia</u>		<u>T 100% -</u>	9. _____		_____
2. _____		_____	10. _____		_____
3. _____		_____	11. _____		_____
4. _____		_____	12. _____		_____
5. _____		_____	13. _____		_____
6. _____		_____	14. _____		_____
7. _____		_____	15. _____		_____
8. _____		_____	16. _____		_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 0%*

Remarks: Burned veg + seedlings predominantly unidentifiable. Plot not dom by hyd veg based on remaining + identifiable plant species.

* Atypical situation analysis determines this plot to be dom by hyd veg (Shrub + herbaceous hydrophytes dom prior to fire)

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Odf Lines <input checked="" type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	

Remarks: on bank of channel - culvert 2 meters upstream. Hydrology indicators present.

SOILS

53

Map Unit Name (Series and Phase): Yolo Loam, 2 to 9% slopes Drainage Class: well-drained
 Taxonomy (Subgroup): Typic Xerorthents Field Observations Confirm Mapped Type? Yes No

Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-14"	A	10YR2.4/2	10YR5/8	low/moderate	silt
14-18"	B ₁	10YR3/3	—	—	silt

Hydric Soil Indicators:

- | | |
|---|---|
| <input type="checkbox"/> Histosol | <input type="checkbox"/> Concretions |
| <input type="checkbox"/> Histic Epipedon | <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils |
| <input type="checkbox"/> Sulfidic Odor | <input type="checkbox"/> Organic Streaking in Sandy Soils |
| <input type="checkbox"/> Aquic Moisture Regime | <input type="checkbox"/> Listed on Local Hydric Soils List |
| <input type="checkbox"/> Reducing Conditions | <input type="checkbox"/> Listed on National Hydric Soils List |
| <input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors | <input checked="" type="checkbox"/> Other (Explain in Remarks) |

Remarks: — hydric soil present
 — low chroma colors w/ bright mottles

WETLAND DETERMINATION

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Remarks: yes waters of U.S. yes CDFG yes wetland.	

Approved by HQUSACE 3/92

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u>	Date: <u>21 Jan 04</u>
Applicant/Owner: <u>Western Pacific Housing/Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>DMEC Magney, Batchelor, Niessen, Brenner</u>	State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: <u>-</u>
Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No	Transect ID: <u>I</u>
Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Plot ID: <u>1</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	
1. <u>Annual grass seedling</u>	<u>H</u>	<u>100%</u>	<u>-</u>
2. <u>Sambucus mexicana</u>	<u>S</u>	<u>100%</u>	<u>FAC</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
13. _____	_____	_____	_____
14. _____	_____	_____	_____
15. _____	_____	_____	_____
16. _____	_____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 50%

Remarks: Burned veg + new seedlings predominantly unidentifiable. Plot not dom by hyd veg based on remaining and identifiable plant species

Confirmed by Atypical Situation analysis

HYDROLOGY

<p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p style="padding-left: 20px;"><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p style="padding-left: 20px;"><input type="checkbox"/> Aerial Photographs</p> <p style="padding-left: 20px;"><input type="checkbox"/> Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pit: _____ (in.)</p> <p>Depth to Saturated Soil: _____ (in.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Odfit Lines</p> <p><input checked="" type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
<p>Remarks: <u>within well-defined bed + banks indicators of hydrology present.</u></p>	

SOILS

T1

Map Unit Name (Series and Phase): <u>Yolo Loam, 2 to 9% slopes</u>		Drainage Class: <u>well-drained</u>			
Taxonomy (Subgroup): <u>Typic Xerorthents</u>		Field Observations Confirm Mapped Type? <input checked="" type="radio"/> Yes <input type="radio"/> No			
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
<u>0-14"</u>	<u>A</u>	<u>10YR 3/3</u>	<u>—</u>	<u>—</u>	<u>silt</u>
<u>14-18"</u>	<u>B</u>	<u>10YR 4/3</u>	<u>—</u>	<u>—</u>	<u>silt</u>
Hydric Soil Indicators:					
<input type="checkbox"/> Histosol <input type="checkbox"/> Histic Epipedon <input type="checkbox"/> Sulfidic Odor <input type="checkbox"/> Aquic Moisture Regime <input type="checkbox"/> Reducing Conditions <input type="checkbox"/> Gleyed or Low-Chroma Colors		<input type="checkbox"/> Concretions <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils <input type="checkbox"/> Organic Streaking in Sandy Soils <input type="checkbox"/> Listed on Local Hydric Soils List <input type="checkbox"/> Listed on National Hydric Soils List <input type="checkbox"/> Other (Explain in Remarks)			
Remarks: <u>soil non-hydric</u>					

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle) Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No Hydric Soils Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	(Circle) Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>
Remarks: <u>yes waters of U.S.</u> <u>yes ODFG</u> <u>no wetland.</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>Magney, Batchelor, Niessen, Brenner</u>	Date: <u>21 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) ↓ <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>T</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Sambucus mexicana</u>	<u>S</u>	<u>100% FAC</u>	9. _____	_____	_____
2. <u>Annual grass seedling</u>	<u>H</u>	<u>100%</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 50%

Remarks: Burned veg + new seedlings predominantly unidentifiable.
Plot not dom by hyd veg based on remaining + identifiable plant species.

Confirmed by Atypical Situation analysis.

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Ontf Lines <input checked="" type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>in bed of well-defined channel.</u> <u>hydrology indicator present.</u>

SOILS

T2

Map Unit Name (Series and Phase): Yolo Loam, 2 to 9% slopes Drainage Class: well-drained
 Taxonomy (Subgroup): Typic Xerothents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 3/3	-	-	silt

Hydric Soil Indicators:

- Histosol
- Histc Epipedon
- Sulfidic Odor
- Aquic Moisture Regime
- Reducing Conditions
- Gleyed or Low-Chroma Colors
- Concretions
- High Organic Content in Surface Layer in Sandy Soils
- Organic Streaking in Sandy Soils
- Listed on Local Hydric Soils List
- Listed on National Hydric Soils List
- Other (Explain in Remarks)

Remarks: soil non-hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes No (Circle)
 Wetland Hydrology Present? Yes No
 Hydric Soils Present? Yes No Is this Sampling Point Within a Wetland? Yes No (Circle)

Remarks: yes waters of U.S.
yes CDFG
no wetlands

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC - Magney, Batchelor, Niessen, Brennan</u>	Date: <u>21 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? <input checked="" type="radio"/> Yes <input type="radio"/> No (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>-</u> Transect ID: <u>T</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	
1. <u>Annual grass seedling</u>	<u>H</u>	<u>40%</u>	<u>-</u>
2. <u>Silybum marianum</u>	<u>H</u>	<u>20%</u>	<u>-</u>
3. <u>Annual herb seedlings</u>	<u>H</u>	<u>20%</u>	<u>-</u>
4. <u>Sambucus mexicana</u>	<u>S</u>	<u>100%</u>	<u>FAC</u>
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). <u>25%*</u>			
Remarks: <u>Burned veg + seedlings predominantly unidentifiable. Plot not dom by hyd veg based on remaining + identifiable plant species.</u>			

*Atypical Situation analysis determines this plot to be dom by hyd veg (Baccharis a dom + Ann herb + grasses not dom prior to fire)

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>on bank of defined channel. hydrology present</u>

T3

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 2 to 9% slopes Drainage Class: well-drained
 Taxonomy (Subgroup): Typic Xerothents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-20"	A ₁	10YR3/2	10YR5/8	low/high	silt

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors	<input checked="" type="checkbox"/> Other (Explain in Remarks)

Remarks: hydric soil present - low chroma color with bright mottles

WETLAND DETERMINATION

→ Atypical Determination

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	

Remarks: yes waters of US.
yes CDFG
yes wetland.

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Magnay, Batchelor, Nicssen, Brenner</u>	Date: <u>21 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>U</u> Plot ID: <u>1</u>

Transect area graded for road

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>annual grass seedlings</u>	<u>H</u>	<u>50% -</u>	9. _____	_____	_____
2. <u>Lactuca serriola</u>	<u>H</u>	<u>50% FAC</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 50%

Remarks: Burned veg and new seedlings predominantly unidentifiable. Plot not dom by hyd. veg based on remaining and identifiable plant species.

vegetation has been graded over as well confirmed by Atypical Situation analysis.

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks <input type="checkbox"/> Onft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>on bank of well-defined channel. hydrology present</u>

SOILS

U1

Map Unit Name (Series and Phase): <u>Castaic-Balcom Silty Clay loams</u>		Drainage Class: <u>well-drained</u>			
Taxonomy (Subgroup): <u>30 to 50% slopes, eroded Typic xerorthents</u>		Field Observations Confirm Mapped Type? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-20"	A	10YR 3/3	10YR 5/8	low/high	silt
Hydric Soil Indicators:					
<input type="checkbox"/> Histosol <input type="checkbox"/> Histic Epipedon <input type="checkbox"/> Sulfidic Odor <input type="checkbox"/> Aquic Moisture Regime <input type="checkbox"/> Reducing Conditions <input type="checkbox"/> Gleyed or Low-Chroma Colors		<input type="checkbox"/> Concretions <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils <input type="checkbox"/> Organic Streaking in Sandy Soils <input type="checkbox"/> Listed on Local Hydric Soils List <input type="checkbox"/> Listed on National Hydric Soils List <input type="checkbox"/> Other (Explain in Remarks)			
Remarks: <u>no hydric soil indicators present</u>					

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Circle)	(Circle)
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Hydric Soils Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is this Sampling Point Within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Remarks: <u>yes waters of U.S. yes CDFG no wetland.</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u>	Date: <u>21 Jan 04</u>
Applicant/Owner: <u>Western Pacific Housing/Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>DMEC-Magney, Batchelor, Niessen, Brenner</u>	State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: <u>—</u>
Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/>	Transect ID: <u>U</u>
Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned.</u>	Plot ID: <u>2</u>

Transect area graded, possibly for road maintenance

VEGETATION

Dominant Plant Species	Stratum	Indicator	
1. <u>Annual grass seedling</u>	<u>H</u>	<u>40%</u>	<u>—</u>
2. <u>Medicago polymorpha</u>	<u>H</u>	<u>10%</u>	<u>—</u>
3. <u>unknown annual seedlings</u>	<u>H</u>	<u>50%</u>	<u>—?</u>
4.			
5.			
6.			
7.			
8.			

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-).	<u>0%</u>
---	-----------

Remarks: Burned veg and seedlings predominantly unidentifiable. Plot not dom by hyd veg based on remaining + identifiable plant species.

Confirmed by Atypical situation analysis

HYDROLOGY

<p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p style="padding-left: 20px;"><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p style="padding-left: 20px;"><input type="checkbox"/> Aerial Photographs</p> <p style="padding-left: 20px;"><input type="checkbox"/> Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: <u>—</u> (in.)</p> <p>Depth to Free Water in Pit: <u>—</u> (in.)</p> <p>Depth to Saturated Soil: <u>—</u> (in.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Onft Lines</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
<p>Remarks: <u>in bed of ill-defined channel - hydrology present</u></p>	

SOILS

U2

Map Unit Name (Series and Phase): <u>Castain-Balcom silty clay loams,</u>		Drainage Class: <u>well-drained</u>			
Taxonomy (Subgroup): <u>Typic Xerorthents</u>		Field Observations Confirm Mapped Type? Yes <input type="radio"/> No <input checked="" type="radio"/>			
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR3/3	10YR5/8	high/moderate	silt
Hydric Soil Indicators:					
<input type="checkbox"/> Histosol <input type="checkbox"/> Histic Epipedon <input type="checkbox"/> Sulfidic Odor <input type="checkbox"/> Aquic Moisture Regime <input type="checkbox"/> Reducing Conditions <input type="checkbox"/> Gleyed or Low-Chroma Colors		<input type="checkbox"/> Concretions <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils <input type="checkbox"/> Organic Streaking in Sandy Soils <input type="checkbox"/> Listed on Local Hydric Soils List <input type="checkbox"/> Listed on National Hydric Soils List <input type="checkbox"/> Other (Explain in Remarks)			
Remarks: <u>no hydric soil indicators</u>					

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)
Wetland Hydrology Present? Yes <input checked="" type="radio"/> No <input type="radio"/>	
Hydric Soils Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Remarks: <u>yes waters of U.S.</u> <u>yes CDFG</u> <u>no wetland</u>	

Approved by HQUSACE 3/92

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Magney, Batchelor, Niessen, Brenner</u>	Date: <u>21 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? <input checked="" type="radio"/> Yes <input type="radio"/> No (If needed, explain on reverse.) <u>recently burned</u> <u>transect area graded for road maintenance</u>	Community ID: <u>1</u> Transect ID: <u>4</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Annual grass seedlings</u>	<u>H</u>	<u>50% -</u>	9. _____	_____	_____
2. <u>unknown annual seedlings</u>	<u>H</u>	<u>50% - ?</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0%

Remarks: Burned veg + seedlings unidentifiable.
plot not dom by hyd veg based on remaining plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

<p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p style="margin-left: 20px;"><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p style="margin-left: 20px;"><input type="checkbox"/> Aerial Photographs</p> <p style="margin-left: 20px;"><input type="checkbox"/> Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pit: _____ (in.)</p> <p>Depth to Saturated Soil: _____ (in.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Dnft Lines</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
<p>Remarks: <u>in ill-defined channel - hydrology present</u></p>	

SOILS

U3

Map Unit Name (Series and Phase): <u>Castaic-Balcom silty clay loam</u>		Drainage Class: <u>well-drained</u>			
Taxonomy (Subgroup): <u>30 to 50% slopes, eroded Typic Xerothents</u>		Field Observations Confirm Mapped Type? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 3/3	10YR 5/8	low/low	silt
Hydric Soil Indicators:					
<input type="checkbox"/> Histosol <input type="checkbox"/> Histic Epipedon <input type="checkbox"/> Sulfidic Odor <input type="checkbox"/> Aquic Moisture Regime <input type="checkbox"/> Reducing Conditions <input type="checkbox"/> Gleyed or Low-Chroma Colors			<input type="checkbox"/> Concretions <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils <input type="checkbox"/> Organic Streaking in Sandy Soils <input type="checkbox"/> Listed on Local Hydric Soils List <input type="checkbox"/> Listed on National Hydric Soils List <input type="checkbox"/> Other (Explain in Remarks)		
Remarks: <u>no hydric soil indicators</u>					

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Circle)	(Circle)
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Hydric Soils Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is this Sampling Point Within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Remarks: <u>yes waters of U.S. yes CDFG no wetland.</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Magnay, Batchelor, Nielsen, Brenner</u>	Date: <u>21 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>-</u> Transect ID: <u>U</u> Plot ID: <u>4</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Salvia leucophylla</u>	<u>S</u>	<u>100% -</u>	9. _____	_____	_____
2. <u>annual grass seedlings</u>	<u>H</u>	<u>100% -</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 0%

Remarks: Burned veg and seedlings predominantly unidentifiable. Plot not dom by hyd veg based on remaining + identifiable plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>no indicators of hydrology.</u>

SOILS

U4

Map Unit Name (Series and Phase): <u>Castaic-Balcom silty clay loam</u>		Drainage Class: <u>well-drained</u>			
Taxonomy (Subgroup): <u>30 to 50% slopes, eroded. Typic Xerothents</u>		Field Observations Confirm Mapped Type? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
<u>0-20"</u>	<u>A</u>	<u>10YR3/3</u>	<u>10YR5/8</u>	<u>very low/moderate</u>	<u>silt</u>
Hydric Soil Indicators:					
<input type="checkbox"/> Histosol <input type="checkbox"/> Histc Epipedon <input type="checkbox"/> Sulfidic Odor <input type="checkbox"/> Aquic Moisture Regime <input type="checkbox"/> Reducing Conditions <input type="checkbox"/> Gleyed or Low-Chroma Colors			<input type="checkbox"/> Concretions <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils <input type="checkbox"/> Organic Streaking in Sandy Soils <input type="checkbox"/> Listed on Local Hydric Soils List <input type="checkbox"/> Listed on National Hydric Soils List <input type="checkbox"/> Other (Explain in Remarks)		
Remarks: <u>no hydric soil indicators</u>					

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> (Circle)	
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> (Circle)	
Hydric Soils Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Circle)
Remarks: <u>no waters of U.S. no CDFG no wetland.</u>			

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Cyprius Cyn Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>Batchelor, Niessen, Bronner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? <input checked="" type="radio"/> Yes <input type="radio"/> No (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>V</u> Plot ID: <u>1</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Quercus agrifolia</u>	<u>T</u>	<u>100%</u>	9.		
2. <u>Leymus condensatus</u>	<u>H</u>	<u>90%</u>	10.		
3. <u>Kuhus ovata</u>	<u>S</u>	<u>100%</u>	11.		
4. <u>Silybum marianum</u>	<u>H</u>	<u>5%</u>	12.		
5. <u>Lupinus sparsiflorus?</u>	<u>H</u>	<u>5%</u>	13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0%

Remarks: Burned veg + seedlings predominantly unidentifiable. Plot not dom by hyd veg based on identifiable + remaining plant species

Confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: <u>—</u> (in.) Depth to Free Water in Pit: <u>—</u> (in.) Depth to Saturated Soil: <u>—</u> (in.)	
Remarks: <u>no indicators of hydrology</u>	

V1

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam Drainage Class: well-drained
 Field Observations: 30 to 50% slopes, eroded
 Taxonomy (Subgroup): Typic Xerorthents Confirm Mapped Type? Yes No

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions, Structure, etc.
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	
0-18"	A ₁	10YR 3/2	10YR 5/8	infrequent/low	silt
18-26"	B ₁	10YR 4/4	10YR 8/2	moderate/high	silt
			10YR 5/8	infrequent/low	

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors	<input checked="" type="checkbox"/> Other (Explain in Remarks)

Remarks: soil hydric
Low chroma color w/ bright mottles

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)
Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	
Hydric Soils Present? Yes <input checked="" type="radio"/> No <input type="radio"/> (Circle)	
Remarks: <u>no waters of U.S.</u> <u>yes CDFG</u> <u>no wetland.</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Cyn Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> (If needed, explain on reverse.) <u>recently burned.</u>	Community ID: <u>-</u> Transect ID: <u>V</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Quercus agrifolia</u>	<u>T</u>	<u>100%</u>	9. _____	_____	_____
2. <u>Silybum marianum</u>	<u>H</u>	<u>100%</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0%

Remarks: Burned veg & seedlings predominantly unidentifiable. Plot not dom by hyd veg based on remaining + identifiable plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Unes <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>in bed of well-defined channel. hydrology indicators present.</u>

SOILS

V2

Map Unit Name (Series and Phase): <u>Castaic-Balcom Silty Clay Loam</u>		Drainage Class: <u>well-drained</u>	
Taxonomy (Subgroup): <u>Typic Xerorthents</u>		Field Observations Confirm Mapped Type? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Profile Description:			
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)
0-20"	A	10YR3/3	10YR5/8
			infrequent/moderate silt
Hydric Soil Indicators:			
<input type="checkbox"/> Histosol	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils		
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> Organic Streaking in Sandy Soils		
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Listed on Local Hydric Soils List		
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on National Hydric Soils List		
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Other (Explain in Remarks)		
<input type="checkbox"/> Gleyed or Low-Chroma Colors			
Remarks: <u>no hydric soil indicators</u>			

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Circle) Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Hydric Soils Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	(Circle) Is this Sampling Point Within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Remarks: <u>yes waters of U.S.</u> <u>yes CDFG</u> <u>no wetland</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing Authority</u> Investigator: <u>DMEC - Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>✓</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Qu. agrifolia</u>	<u>T</u>	<u>100%</u>	9. _____	_____	_____
2. <u>Sambucus mexicana</u>	<u>S</u>	<u>80%</u>	10. _____	_____	_____
3. <u>? Salvia leucophylla</u>	<u>S</u>	<u>15%</u>	11. _____	_____	_____
4. <u>Manihot macrocarpa</u>	<u>S</u>	<u>5%</u>	12. _____	_____	_____
5. <u>Silybum marianum</u>	<u>H</u>	<u>100%</u>	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

dom = 20%
+ ↑

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-1): 33%

Remarks: Burned veg + seedlings predominantly unidentifiable. Plot not dom by hyd veg based on remaining + identifiable plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Onft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	

Remarks: no indicators of hydrology

V3

SOILS

Map Unit Name (Series and Phase): Castroic-Balcom Silty Clay Loam Drainage Class: well-drained
 Taxonomy (Subgroup): Typic Xerothents Field Observations: 30 to 50% slopes, eroded. Confirm Mapped Type? Yes No

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 3/2	10YR 5/8	infreq/low	silt
18-26"	B	10YR 4/4	10YR 8/2	mod/high	silt
			10YR 5/8	infreq/low	

Hydric Soil Indicators:

- Histosol
- Histic Epipedon
- Sulfidic Odor
- Aquic Moisture Regime
- Reducing Conditions
- Gleyed or Low-Chroma Colors
- Concretions
- High Organic Content in Surface Layer in Sandy Soils
- Organic Streaking in Sandy Soils
- Listed on Local Hydric Soils List
- Listed on National Hydric Soils List
- Other (Explain in Remarks)

Remarks: soil hydric - low chroma colors with bright mottles

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <u>No</u> (Circle)	(Circle)
Wetland Hydrology Present? Yes <u>No</u>	Is this Sampling Point Within a Wetland? Yes <u>No</u>
Hydric Soils Present? Yes <u>No</u>	

Remarks: no waters of U.S.
yes CDEs
no wetland

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned.</u>	Community ID: <u> </u> Transect ID: <u>W</u> Plot ID: <u>I</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>? Salvia leucophylla</u>	<u>S</u>	<u>100%</u>	9. _____		
2. <u>Leymus condensatus</u>	<u>H</u>	<u>FACW 50%</u>	10. _____		
3. <u>Juncus sp.</u>	<u>H</u>	<u>FACW 50%</u>	11. _____		
4. _____			12. _____		
5. _____			13. _____		
6. _____			14. _____		
7. _____			15. _____		
8. _____			16. _____		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 33%

Remarks: Burned veg + new seedlings predominantly unidentifiable. Plot not dominated by hydrophytic veg based on identifiable and remaining plant species

Confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Drift Lines <input checked="" type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>low on bank of defunct channel, hydrology present.</u>

SOILS

W1

Map Unit Name (Series and Phase): <u>Castaic-Balcom Silty Clay Loam</u>		Drainage Class: <u>well-drained</u>			
Taxonomy (Subgroup): <u>30 to 50% slopes, eroded Typic Xerochrepts</u>		Field Observations Confirm Mapped Type? Yes <input type="radio"/> No <input checked="" type="radio"/>			
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 3/2	10YR 5/8	infrequent/low	silt
18-26"	B ₁	10YR 4/4	10YR 8/2	moderate/high	silt
			10YR 5/8	infrequent/low	
Hydric Soil Indicators:					
<input type="checkbox"/> Histosol <input type="checkbox"/> Histic Epipedon <input type="checkbox"/> Sulfidic Odor <input type="checkbox"/> Aquic Moisture Regime <input type="checkbox"/> Reducing Conditions <input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors			<input type="checkbox"/> Concretions <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils <input type="checkbox"/> Organic Streaking in Sandy Soils <input type="checkbox"/> Listed on Local Hydric Soils List <input type="checkbox"/> Listed on National Hydric Soils List <input checked="" type="checkbox"/> Other (Explain in Remarks)		
Remarks: <u>soil hydric - low chroma colors with bright mottles.</u>					

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input checked="" type="radio"/> No <input type="radio"/> (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)
Wetland Hydrology Present? Yes <input checked="" type="radio"/> No <input type="radio"/>	
Hydric Soils Present? Yes <input checked="" type="radio"/> No <input type="radio"/>	
Remarks: <u>yes waters of U.S. yes CDFG no wetland.</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) ↓ <u>recently burned.</u>	Community ID: <u> </u> Transect ID: <u>W</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Juncus sp.</u>	<u>H</u>	<u>FACW to OBL 65%</u>	9. _____	_____	_____
2. <u>Silybum marianum</u>	<u>H</u>	<u>- 5%</u>	10. _____	_____	_____
3. <u>Claytonia parviflora</u>	<u>H</u>	<u>FAC 15%</u>	11. _____	_____	_____
4. <u>Rumex crispus</u>	<u>H</u>	<u>FACW 10%</u>	12. _____	_____	_____
5. <u>Medicago polymorpha</u>	<u>H</u>	<u>- 5%</u>	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____
			17. _____	_____	_____
			18. _____	_____	_____

dom = 20% + ↑

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 100%

Remarks: Burned veg and new seedlings mostly unidentifiable.
Plot dominated by hydrophytic veg based on remaining and identifiable plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

<p>Recorded Data (Describe in Remarks):</p> <p><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p><input type="checkbox"/> Aerial Photographs</p> <p><input type="checkbox"/> Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pit: _____ (in.)</p> <p>Depth to Saturated Soil: _____ (in.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Drift Lines</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input checked="" type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
<p>Remarks: <u>in well-defined channel.</u> <u>Hydrology indicator present.</u></p>	

W2

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam Drainage Class: well-drained
 Taxonomy (Subgroup): Typic Xerorthents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-20"	A	10YR 3/2	10YR 5/1	low/moderate	silt

Hydric Soil Indicators:

- Histosol
- Histc Epipedon
- Sulfidic Odor
- Aquic Moisture Regime
- Reducing Conditions
- Gleyed or Low-Chroma Colors
- Concretions
- High Organic Content in Surface Layer in Sandy Soils
- Organic Streaking in Sandy Soils
- Listed on Local Hydric Soils List
- Listed on National Hydric Soils List
- Other (Explain in Remarks)

Remarks:

soil hydric
Low chroma color w/ bright mottles

WETLAND DETERMINATION

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	

Remarks:

yes waters of U.S.
yes CDFG
yes wetland.

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Peromount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: _____ Transect ID: <u>W</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Juncus sp</u>	<u>H</u>	<u>FACW or OBL 60%</u>	9. _____	_____	_____
2. <u>Rumex crispus</u>	<u>H</u>	<u>FACW 20%</u>	10. _____	_____	_____
3. <u>Annual grass seedling</u>	<u>H</u>	<u>- 5%</u>	11. _____	_____	_____
4. <u>Silybum marianum</u>	<u>H</u>	<u>- 10%</u>	12. _____	_____	_____
5. <u>Medicago polymorpha</u>	<u>H</u>	<u>- 5%</u>	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 100%

Remarks: Burned veg and new seedlings mostly unidentifiable. Plot dominated by hydrophytic veg based on remaining and identifiable plant species.

Confirmed by Atypical Situation analysis.

HYDROLOGY

Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Drift Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input checked="" type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	

Remarks: hydrology present within defined bed + banks

dom = 20%
+ ↑

W3

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam Drainage Class: well-drained
30 to 50 percent slopes, eroded Field Observations
Taxonomy (Subgroup): Typic Xerorthents Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 3/2	10YR 5/8	infrequent/low	silt
18-26"	B ₁	10YR 4/4	10YR 8/2	moderate/high	silt
-	-	-	10YR 5/8	infrequent/low	-

Hydric Soil Indicators:

- Histosol
- Histic Epipedon
- Sulfidic Odor
- Aquic Moisture Regime
- Reducing Conditions
- Gleyed or Low-Chroma Colors
- Concretions
- High Organic Content in Surface Layer in Sandy Soils
- Organic Streaking in Sandy Soils
- Listed on Local Hydric Soils List
- Listed on National Hydric Soils List
- Other (Explain in Remarks)

Remarks:

soil hydric
Low chroma color with bright mottles

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes No (Circle)
Wetland Hydrology Present? Yes No
Hydric Soils Present? Yes No
Is this Sampling Point Within a Wetland? Yes No (Circle)

Remarks:

yes waters of U.S.
yes CDFG
yes wetland.

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing</u> Investigator: <u>DMEC- Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>W</u> Plot ID: <u>4</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. _____			9. _____		
2. <u>Medicago polymorpha</u>		<u>5%</u>	10. _____		
3. <u>Annual grass seedling</u>		<u>10%</u>	11. _____		
4. <u>Hirschfeldia incana</u>		<u>5%</u>	12. _____		
5. <u>Dichelostema capitatum</u>		<u>70%</u>	13. _____		
6. <u>Rumex crispus</u>	<u>H</u>	<u>FACW-10%</u>	14. _____		
7. _____			15. _____		
8. _____			16. _____		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0%

Remarks: Burned veg and new seedlings predominantly unidentifiable. Plot not dom by hyd veg based on remaining + identifiable plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	
Remarks: <u>no indicators of hydrology.</u>	

SOILS

W4

Map Unit Name (Series and Phase): <u>Castaic-Balcom Silty Clay Loam</u>		Drainage Class: <u>well-drained</u>			
Taxonomy (Subgroup): <u>Typic Xerothents</u>		Field Observations Confirm Mapped Type? Yes <input type="radio"/> No <input checked="" type="radio"/>			
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-12"	A	10YR 3/3	10YR 5/8	inf / moderate	silt
12-20"	B ₁	10YR 4/2	10YR 5/8	inf / moderate	sparsely gravelled silt
Hydric Soil Indicators:					
<input type="checkbox"/> Histosol <input type="checkbox"/> Histic Epipedon <input type="checkbox"/> Sulfidic Odor <input type="checkbox"/> Aquic Moisture Regime <input type="checkbox"/> Reducing Conditions <input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors		<input type="checkbox"/> Concretions <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils <input type="checkbox"/> Organic Streaking in Sandy Soils <input type="checkbox"/> Listed on Local Hydric Soils List <input type="checkbox"/> Listed on National Hydric Soils List <input checked="" type="checkbox"/> Other (Explain in Remarks)			
Remarks: <u>soil hydric - low chroma colors with bright mottles.</u>					

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)
Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	
Hydric Soils Present? Yes <input checked="" type="radio"/> No <input type="radio"/> (Circle)	
Remarks: <u>no waters of U.S. yes CDFG no wetland</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Bromount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brender</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? <input checked="" type="radio"/> Yes <input type="radio"/> No (If needed, explain on reverse.) <u>recently burned</u>	Community ID: _____ Transect ID: <u>X</u> Plot ID: <u>I</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator		Dominant Plant Species	Stratum	Indicator	
1. <u>Rhus ovata</u>	<u>S</u>	<u>-</u>	<u>100%</u>	9. _____	_____	_____	_____
2. <u>Leymus condensatus</u>	<u>H</u>	<u>FACW</u>	<u>75%</u>	10. _____	_____	_____	_____
3. <u>Chlorogalum pomeridianum</u>	<u>H</u>	<u>-</u>	<u>20%</u>	11. _____	_____	_____	_____
4. <u>Lupinus spars?</u>	<u>H</u>	<u>-</u>	<u>5%</u>	12. _____	_____	_____	_____
5. _____	_____	_____	_____	13. _____	_____	_____	_____
6. _____	_____	_____	_____	14. _____	_____	_____	_____
7. _____	_____	_____	_____	15. _____	_____	_____	_____
8. _____	_____	_____	_____	16. _____	_____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0%

Remarks: Burned veg + new seedlings predominantly unidentifiable. Plot not dom by hyd veg based on remaining + identifiable plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>no indicators of hydrology</u>

SOILS

x 1

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay loam Drainage Class: well-drained
 30 to 50% slopes, eroded
 Taxonomy (Subgroup): Typic Xerorthents Field Observations Confirm Mapped Type? Yes No

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions,
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	Structure, etc.
0-10"	A	10YR 3/3	10YR 5/8	infr/mod	silt
10-20"	B	10YR 4/2	10YR 5/8	mod/mod	silt
				many smaller mottles	

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input type="checkbox"/> Gleyed or Low-Chroma Colors	<input type="checkbox"/> Other (Explain in Remarks)

Remarks: soil hydric - low chroma color with bright mottles.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <u>No</u> (Circle)	Is this Sampling Point Within a Wetland? Yes <u>No</u> (Circle)
Wetland Hydrology Present? Yes <u>No</u>	
Hydric Soils Present? <u>Yes</u> No	
Remarks: <u>no waters of U.S. yes CDFG no wetland</u>	